

Descriptions of new Buprestidæ: by EDWARD SAUNDERS,
F.L.S.

In the following pages I have commenced a series of descriptions of the new species of Buprestidæ in my collection, and I hope from time to time to continue these descriptions until I have gradually worked through the family. I have been careful, in single specimens, to describe only such as new species which I feel sure will not eventually prove to be varieties of previously known forms. I am glad to have an opportunity of publishing through the medium of this periodical as I feel that such a publication is very useful and ought to be much more generally employed.

EDWARD SAUNDERS.

Raglans, Reigate, 29th February, 1874.

Sternocera Boucardii, E. S.

Caput æneo-nigrum punctatum. Thorax profunde reticulatus, inter reticula ochraceo pilosus. Elytris obscure æneo-viridibus utrinque maculâ basali, macula sub humero, et maculis duodecim post medium ochraceo-pilosis, ornatis. Subtus nigra, abdominis lateribus fulvo maculatis, pedibus fuscis.

Head bronzy black, deeply and rugosely punctured. Thorax bronzy black, deeply reticulated, raised portions smooth and shining, impressions filled with pubescence of a dull brownish yellow colour. The dorsal line is defined by two parallel carinæ branching off at the base into the general reticulation. Elytra very finely rugose, with indications of four longitudinal raised lines, and covered between the rugosities with exceedingly short ochreous hairs, each elytron has a round spot at the base, an oval spot behind the shoulder, and twelve spots behind the middle, covered with ochre coloured pubescence, arranged thus, three large round spots along the hind margin, four small round spots along the suture, three other larger ones forming a diagonal line from the side just below the middle downwards to the suture, and two others between those

of the margin and suture ; apex very finely bidentate. Beneath black, punctured, each side of the segments of the body with a brown pubescent spot on its upper margin ; legs clear testaceous brown, antennæ wanting.

Length, 24 lines ; breadth, 11 lines.

Hab. Ribe, East Africa.

This grand species, which should begin the genus, I have named after Mr. A. Boucard who kindly presented me with the specimen.

Sternoocera syriaca, E. S.

Caput rugosum. Thorax viridis disco foveolis plurimis flavopilosis impresso, lateribus flavo maculatis. Elytra testaceo-fusca, maculis plurimis minutis albidis ornata. Subtus viridis lateribus maculis flavis quatuor ornatis.

Head rugose, green. Antennæ testaceous brown. Thorax green, disk with numbers of small deep pits filled with yellow pubescence. Sides each with a large yellow pubescent spot. Elytra testaceous-brown, rugosely punctured, with two spots at the base, a spot behind the shoulder and the disk covered with small spots of a whitish pubescence. Apex of each elytron obsoletely tridentate. Beneath green, punctured, with four large yellow pubescent spots on each side. Legs testaceous-brown.

Length, 16 lines ; breadth, 7 lines.

Hab. Syria.

Should precede *irregularis*, Klug.

Amblysterna bilineata, E. S.

Obscure cupreo-fusca. Thoracis lateribus subcompressis margine anteriore elevatâ. Elytris subrugosis, disco utrinque lineâ angustâ albido-pilosâ, ab scutello fere ad apicem extensâ, ornato. Subtus cuprea.

Dull coppery brown, disk of the elytra with coppery reflections.

Head rugose and pubescent in front. Thorax rugosely punctured with the sides somewhat compressed, front margin raised, base acutely lobed, impressed in the middle. Elytra somewhat rugose, their sides strongly and rugosely punctured ; on the disk of each is a very narrow whitish

hairy line extending from the scutellum almost to the apex, each apex minutely bidentate, beneath coppery, covered with a slight whitish pubescence.

Length, 8 lines ; breadth, 3 lines.

Hab. Loando, Dr. Welwitsch.

Should follow *vittipennis*, Fabr., from which it differs by the longer shape, and compressed sides of the thorax, the disk of which is also more strongly and rugosely punctured, and especially by the narrow pubescent lines of the elytra, which extend from the scutellum almost to the apex.

Chrysaspis propinqua, E. S.

Capite thoraceque cyaneo-nigris, hoc lateribus viridibus, lineâ dorsali elevatâ. Elytris viridibus, disco utrinque cupreo. Subtus igneo cuprea, prosterno viridi.

Head and thorax blue black, the latter with its sides green. Elytra green, the disk of each coppery. Beneath fiery copper colour, prosternum green.

Head strongly channelled between the eyes. Thorax punctured, sides subrugose, anterior margin elevated, disk with a raised dorsal line. Elytra punctate striate, sides very closely punctured, apex denticulate. Beneath pubescent, except the prosternum.

Length, 15 lines ; breadth, 5 lines.

Hab. W.C. Africa, Dr. Welwitsch.

Differs from *elongatula*, Crotch, which it should precede, by its colour and its less parallel form, by the sides of the thorax being more rugose, by the dorsal line being more raised, and by the underside being more thickly pubescent.

Stercaspis fusca, E. S.

Purpureo-fusca, thorax nitidus, punctatus, lateribus foveatis, lineâ dorsali subimpressâ punctatâ. Elytra conferte punctata et striata, marginibus utrinque subcupreo-vittatis. Subtus pilosa, viridiænea.

Purplish brown. Beneath and legs bronzy green : antennæ cyaneous.

Head excavated and channelled between the eyes. Thorax shining, strongly but sparsely punctured. Sides rounded, each with a longitudinal impression, the bottom

of which is very closely and finely punctured. Dorsal line somewhat impressed and longitudinally punctured in the middle. Elytra closely punctured and striated, along each margin is a somewhat coppery impression covered with short greyish hairs. Apex of each with a single tooth. Beneath pubescent with a smooth line down the middle.

Length, 13 lines; breadth, $4\frac{1}{2}$ lines.

Hab. White Nile.

Should follow *semigranosa*, Sol.

Paracupta aeneiventris, E. S.

Supra purpureo-cyanea, subtus aenea. Capite inter oculos aureo. Thorace cyaneo, punctato, lineâque rugosa prope marginem, impresso. Elytris cyaneo-nigris, prope scutellum purpureo-micantibus, minute et sparsim punctatis, postice denticulatis. Subtus minute punctata.

Above of a purplish blue tint, head golden, beneath and legs bronzy.

Head golden, excavated between the eyes, each side of the excavation bearing a small oblique purple tubercle. Thorax cyaneous, anterior margin embracing the head to beyond the eyes, sides nearly straight; base nearly twice as wide as the anterior margin; surface punctured, especially at the sides, dorsal line narrowly impressed, golden, near each side and parallel to it, is a rugose impressed line. Scutellum bronzy. Elytra blue black; near the scutellum and for some way along the suture purple. Surface very minutely and sparsely punctured, in certain lights very slight indications of raised lines are perceivable; sides converging to the apex from about the middle, and denticulated. Beneath and legs bronzy, very shining and finely punctured. Antennæ flavous, first two joints golden.

Length, 15 lines; breadth, $5\frac{1}{2}$ lines.

Hab.

Should follow *rutilans*, H. Deyr. A most extraordinary form, having the tarsi concolorous with the rest of the legs.

Paracupta Samoensis, E. S.

Læte viridis. Thorace lineâ dorsali impressâ, lateribus

longitudinaliter foveatis. Elytris confertissime punctatis, utrinque costis quatuor suturâque elevatis, apice igneo-cupreâ. Subtus abdomine subflavo, interdum cupreo. Antennis pedibusque testaceis.

Bright green, head punctured, excavated and channelled between the eyes. Thorax punctured, dorsal line impressed; sides each with a straight longitudinal fovea, which is very closely and finely punctured. Elytra very closely and finely punctured, each with the suture and four lines raised and smooth; sides denticulate posteriorly, apex fiery copper colour. Beneath green, punctured, body somewhat testaceous, in one specimen coppery; anal segment emarginate; antennæ and legs testaceous.

Length, 7 lines; breadth, $2\frac{3}{4}$ lines.

Hab. Island of Samoa.

The specimen described is a male. This species should follow *xanthocera*, Boisdu.

PSEUDO-CHRYSODEMA.

Ab *Chrysodema* differt, pedibus testaceis, antennis aut testaceis aut fuscis, et humeris valde angulatis.

This genus is difficult to characterize and yet I feel little doubt that it is distinct. It has quite the general appearance of *Chrysodema*, but differs in having the flavous tarsi of *Paracupta*. It has also strongly angulated shoulders, this latter character distinguishes it from all the allied genera.

I only know of the species here described.

Type of the genus *P. Badenii*, E. S.

Pseudo-chrysodema Badenii, E. S.

Cyanea, capite excavato, thorace lævi, linea dorsali antice elevatâ, lateribus aureo foveatis, flavo tomentosus. Elytris irregulariter foveatis, foveis aureo-æneis, interstitiis elevatis, cyaneis, humeris valde angulatis. Subtus ænea, prosterno quatuorque cingulis abdominalibus cyaneis. Pedibus cyaneis tarsis flavis.

Head cyaneous with æneous reflections, shining and finely punctured, deeply excavated between the eyes. Thorax cyaneous, sides somewhat straight, hind angles acute,

base shallowly lobed ; surface smooth and shining, dorsal line slightly raised ; near each posterior angle is a large, finely punctured, golden fovea, filled in its middle with yellow pubescence, on each side of the dorsal line, at its base, is a narrow bronzy punctured line. Elytra cyaneous with four very irregular somewhat broad raised lines, and with numerous shallow bronzy foveæ irregularly disposed between them. Sides strongly angulated behind the shoulders, sharply denticulate posteriorly. Beneath bronzy, prosternum and the hind margins of the segments of the body steel blue, tibiæ blue, tarsi, except the last joint, flavous. Antennæ flavous, first two joints green.

Length, 13 lines ; width, $4\frac{3}{4}$.

Hab. Island of Yap. Carolina group.

I have named this fine species after Dr. Baden, of Altona, to whom I am indebted for this and many others of my rarest species.

P. Schmeltzii, E. S.

Obscure ænea, capite excavato. Thorace cyaneo ruguloso, lateribus æneo-foveatis. Elytris æneis, suturâ tribusque lineis elevatis cyaneis, lateribus prope humeros angulatis, postice denticulatis. Subtus ænea, segmentis abdominalibus cyaneo cinctis. Antennis fuscis, tarsis flavis.

Head bronzy, punctured, excavated between the eyes. Thorax cyaneous, rugose, with bronzy punctures, dorsal line raised and smooth, on each side near the posterior angle is an oval shaped bronzy fovea bordered on its exterior margin by a raised line. In shape and style the thorax closely resembles that of *Chrysodema aurofoveata*, Guer. Elytra bronzy, very finely punctured, each with the suture and three strongly raised lines cyaneous and smooth ; sides strongly angulated at the shoulders, and sharply denticulate behind the middle. Beneath bronzy green, rugose, edges of the abdominal segments cyaneous. Antennæ brown, tarsi flavous.

Length, 11 lines ; breadth, 4 lines.

Hab. Pelew Islands.

This species closely resembles in general appearance *Chrysodema aurofoveata*, Guer.

Evides intermedia, E. S.

Caput viride, valde sulcatum. Thorax niger, punctatus, tribus lineis marginibusque punctatissimis, viridibus. Elytra rugoso-punctata, quatuor lineis elevatis nigris ornatis. Subtus aureoviridis.

Head green, deeply punctured and narrowly sulcate between the eyes, covered with very short black bristly hairs. Thorax black, deeply punctured; anterior and lateral margins green, dorsal line, and a somewhat wide line on each side, green, impressed, and very finely and closely punctured. Elytra green, largely and rugosely punctured, each with the suture, and four raised lines, smooth and black; sides posteriorly denticulate. Beneath and legs, golden green, punctured, covered with short whitish hairs.

Length, 10 lines; breadth, $3\frac{1}{2}$ lines.

Hab. W. Coast of Africa.

Allied to *Gambiensis*, L. & G., from which the sculpture and shape of the thorax easily distinguish it.

Should be placed between *Gambiensis*, L. & G., and *pubiventris*, L. & G. I believe this to be the species known in some collections under the manuscript name of *sulcifrons*, Laferté.

Chrysesthes auronotata, E. S.

Viridiænea, thorace rugoso-punctato, lineâ dorsali impressâ, lateribus lineâ viridi angustâ ornatis. Elytris rugose punctatis, suturâ quatuorque lineis elevatis, utrinque tribus maculis minutis aureis notatis. Subtus aureo-viridis.

Head golden green. Thorax purplish, with green reflections, punctured, the punctures green. Each side has a narrow golden line running parallel to the margin. Scutellum fiery copper colour. Elytra purplish, suture green, each elytron with three small golden spots, one on the first raised line near the base, the second, a very small one, on the second line, just above the middle, and the third, also very small, between the first and the second lines, the shoulders also have a greenish tint. Beneath golden green.

Head rugose in front, channelled on the vertex. Thorax with the sides slightly rounded, and the base shallowly

lobed, disk punctured, the punctures close together and often confluent on the sides, dorsal line slightly impressed. Elytra rugosely punctured, each with the suture, and four longitudinal lines raised and smooth, with three small punctured spots as described above. Apex denticulate. Beneath punctured, shortly pubescent.

Length, $11\frac{1}{2}$ lines; breadth, $3\frac{3}{4}$ lines.

Hab. Honduras.

Should follow *gymnopleura*, Perty.

Pelcopsclaphus Chevrolatii, E. S.

Obscure æneoviridis, capite, thoracis lateribus, elytrorumque tribus maculis lateralibus, cupreis. Thorax linea dorsali impressa. Elytra thoracis angustiora, postice quadri-costata, lateribus denticulatis. Subtus cupreo-aurea.

Bronzy green, head coppery in front, sides of the thorax with coppery reflections. Sides of elytra with a coppery red spot behind the shoulder, a second one just below the middle, and a small one near the apex. Beneath coppery golden.

Head impressed between the eyes, rugose. Thorax deeply punctured, dorsal line impressed. Sides slightly sinuous, produced and rounded just above the hind angles, which slightly embrace the base of the elytra, above each angle is a short diagonal impression. Elytra considerably narrower than the thorax, rugosely punctured, each with four raised lines, strongly marked near the apex, the two inner ones disappearing as they approach the base. Sides very slightly sinuate above the middle, denticulate posteriorly. Beneath finely punctured.

Length, $10\frac{1}{2}$ lines; breadth, 3 lines.

Hab. Chontales, Nicaragua.

This pretty species should precede *angularis*, Schœnh.

Pelcopsclaphus acutus, E. S.

Caput cupreum, rugosum. Thorax viridiæneus, lateribus subcupreis, valde et dense punctatus, lineâ dorsali basi impressâ. Elytra acuminata, utrinque quatuor costis elevatis, obscure viridia, costis purpureo-micantibus, lateribus postice denticulatis. Subtus aeneo-aureus.

Head coppery brown. Thorax dark bronzy green, its

sides with a purplish tint. Elytra dark green, the elevated lines with purplish reflections. Beneath and legs bronzy golden colour.

Head rugose and sulcate between the eyes. Thorax with the sides regularly but slightly rounded, base straight; surface very closely punctured in front and on the sides, dorsal line impressed at the base; the puncturation of the portion just above the scutellum finer and more sparse. Elytra acuminate, the sides converging from the base in very slightly curved lines; surface punctured, except just below the scutellum. Each elytron with four raised smooth lines, sides denticulated posteriorly. Beneath finely and closely punctured.

Length, 12 lines; breadth, $3\frac{1}{2}$ lines.

Hab. Panama. Nicaragua.

The longer thorax, the absence of the dorsal channel and of any lateral depressions distinguish it from its allies. It should follow *P. strictus*, Linn.

Halecia bicolor, E. S.

Supra cupreo-ænea. Subtus, viridi-ænea. Thorace punctato, lateribus postice subangulatis, lineâ dorsali angustissimâ et postice punctatâ. Elytris subrugosis striatis, utrinque post medium tribus impressionibus minutis notatis. Subtus punctatus, pedibus cyaneis.

Above dull coppery bronze colour, beneath bronzy green.

Head punctured, slightly impressed in front. Thorax with the sides diverging in straight lines to just above the hind angles, then sub-parallel to the base, thus forming a very obtuse angle. Surface strongly punctured, especially at the sides, dorsal line extremely narrow and smooth, met at its base by a large puncture; above each posterior angle is a very slight rugose impression. Elytra very finely striated and punctured, the interstices somewhat rugose; on each, behind the middle, may be seen three very small impressions arranged in a triangular shape; sides denticulate posteriorly, apex of each pointed. Beneath and legs punctured, finely pubescent on the sides, tibiæ and tarsi cyaneous, femora cyaneous above.

Length, 10 lines; breadth, $3\frac{3}{4}$ lines.

Hab. Ega, Amazons. H. W. Bates.

Should follow *chrysodemoides*, E. S.

Halceia chrysodemoides, E. S.

Viridi-aurea. Thorace punctato, lineâ dorsali impressâ. Elytris utrinque quatuor costis suturâque elevatis, lævibus, lateribus postice denticulatis. Subtus viridis, femoribus tibiisque anterioribus cyaneis.

Bright golden green, head deeply and rugosely punctured between the eyes. Thorax with the anterior margin and the base nearly straight and with the sides only very slightly rounded; surface punctured, especially at the sides, dorsal line impressed. Elytra irregularly and rugosely punctured, each with suture and four lines raised, of these the third is abbreviated and twice interrupted; sides slightly sinuate below the shoulders, denticulate posteriorly; apex somewhat truncate, finely denticulate. Beneath green, punctured, two front pairs of legs with the femora and tibiæ cyaneous. Antennæ cyaneous.

Length, $10\frac{1}{2}$ lines; breadth, $3\frac{3}{4}$ lines.

Hab. Chontales, Nicaragua.

Resembles a *Chrysodeima* in general aspect. It should follow *parallela*, E. S.

Halceia parallela, E. S.

Viridiænea, capite plano, punctato. Thorace punctato, lineâ dorsali postice valde impressâ. Elytris parallelis, punctato-striatis, utrinque foveis duabus punctatis discalibus ornatis. Subtus cuprea, pedibus viridiæneis.

Bronzy green. Head flat in front, deeply and closely punctured. Thorax with the sides rounded, hind angles acute. Surface punctured, rugosely on the sides, dorsal line deeply impressed at the base. Elytra considerably wider and nearly four times as long as the thorax, deeply and regularly punctate striate, each with two well-defined transverse punctured foveæ on the disk, one just above, the other just below the middle. Sides nearly parallel for a little more than two-thirds of their length, then converging and denticulate to the apex. Beneath coppery, punctured, covered with greyish hairs at the sides.

Length $9\frac{1}{2}$ lines; breadth, $3\frac{1}{2}$ lines.

Hab. Peru.

A very distinct species. It should follow *rugicollis*, E. S.

Halceia rugicollis, E. S.

Viridiænea, apice cupreo. Thorax lateribus antice valde rotundatis, postice subrectis, disco late canaliculato, lateribus rugosis. Elytra utrinque quadricostata sublævia. Subtus punctata.

Dull bronzy green, extreme apex of the elytra coppery. Head rugosely punctured, triangularly impressed between the eyes. Thorax, with the sides much rounded in front, and almost straight behind, base slightly bisinuate; surface largely and remotely punctured, sides rugose, disk with a deeply impressed dorsal line, the impression widest at the base and very shallow in the middle, near each posterior angle is the indication of a small rugose fovea. Elytra finely and remotely punctured, very little wider than the thorax, and about four times as long, about as wide across the middle as at the shoulders, and thence gradually narrowing to the apex, posterior margin and apex denticulate, the latter somewhat rounded, each elytron with four raised, rounded lines. Apex coppery. Beneath and legs bronzy, punctured, covered with scattered grey hairs.

Length, 8 lines; breadth, $2\frac{3}{4}$ lines.

Hab. Brazil.

Should follow *ventralis*, L. & G.

Halceia costata, E. S.

Obscure viridiænea, purpureo micans. Thorax lineâ dorsali valde impressâ et utrinque lineâ punctulatâ modice impressâ. Elytris utrinque sutura lineisque quatuor lævibus valde elevatis. Subtus aureo-viridis.

Very dark bronzy green, with purplish reflections. Scutellum golden green. Beneath golden green. Head punctured, impressed between the eyes. Thorax deeply punctured, with a deep, wide, dorsal line, and an impressed closely punctured line on each side, about midway between it and the margin. Sides rounded, base slightly bisinuate. Elytra irregularly and rather finely punctured, each with the suture, and four longitudinal lines much raised and smooth, lateral margins denticulate posteriorly. Beneath and legs punctured.

Length, 10 lines; breadth $3\frac{1}{2}$ lines.

Hab. Brazils?

This species should follow *rugosipennis*, L. & G., which it resembles in the form and style of its thorax.

Halecia picticeps, E. S.

Caput viride, antice cupreo-maculatum, vertice purpureo notatâ. Thorax pupureo-fuscus, splendens, lineis tribus impressis viridibus. Elytra purpureo-fusca, utrinque sutura, macula semicirculari basali, macula prope medium, maculisque duabus inter illam et apicem, impressis, viridibus. Subtus viridis, punctata.

Head green, punctured, with a narrow longitudinal impression in front, with a purple spot on the vertex, and a coppery spot in the depression between the eyes. Thorax shining, purple brown, finely punctured, with the dorsal line very deeply and widely, and a line on each side near the margin, narrowly, impressed and bright green; the lateral impressions are very closely punctured, the lateral margins themselves are also very narrowly green. Scutellum green. Elytra punctate striate, of the same colour as the thorax, each with the suture, a curved impression, (broad at each end and narrow in the middle, starting from the base and turning almost in a semicircle inwards towards the suture) a kidney shaped one just about the middle, a short stripe under the shoulder, and two round spots, midway between the middle and the apex, bright green and closely punctured. Sides denticulate posteriorly. Beneath and legs bright green, punctured.

Length, 6 lines; breadth, $2\frac{3}{4}$ lines.

Hab. Amazons.

Allied to *10-impressa*, Chev., which it should follow.

Halecia Batesii, E. S.

Læte cupreofusca, thoracis lineâ dorsali lateribusque viridibus. Elytris lineâ abbreviatâ suturali, utrinque vittâ ab humero ad medium extensâ, ibique angulatâ, maculis duabus post medium, lineâque apicali, impressis, viridibus. Subtus viridis, punctata.

Bright coppery brown, with purple reflections. Sides of the face above the mouth, dorsal line and sides of the thorax, scutellum, and a short line on the suture of the elytra below it, a line on each elytron, extending from the

base, just above the shoulder, to the centre of the disk about midway between the base and apex, where it turns towards the side at an acute angle, two round spots below this, and an apical streak, impressed and shining green. Beneath and legs punctured.

Hab. Ega, Amazons.

Should follow *trisulcata*, L. & G.

I have named this beautiful species after its discoverer, Mr. H. W. Bates.

Halecia cyaneo-notata, E. S.

Læte æneofusca. Thorax punctatus, lineâ dorsali irregulari subelevata ad basin impressâ. Elytra punctato striata, utrinque post medium maculis duabus rotundatis vittaque apicali cyaneis ornata. Subtus obscure ænea, pedibus cyaneis.

Bronzy brown, shining. Elytra each with two round spots (one just about the middle, the other midway between it and the apex) and a short streak extending from the apex to a little way up the lateral margin, cyaneous; in the specimen before me there is also a slight indication of another spot near the base. Beneath dull bronzy. Legs cyaneous.

Somewhat the shape of *iridea*, Mann. Head depressed in front very largely punctured. Thorax punctured, with a very slight depression on each side near the anterior margin, a small fovea at the base of the dorsal line and a small impression on the base at each side near the posterior angle, seeming as if it formed part of the basal impression of the elytra. Elytra finely punctured, and punctate striate, with an impression on each side above the shoulder. Posterior margins not denticulate. Apex of each attenuate and ending in a sharp point. Beneath punctured.

Length, $7\frac{1}{2}$ lines; breadth, $2\frac{1}{2}$ lines.

Hab. Para. H. W. Bates.

Should follow *Batcsii*, E. S.

Halecia cupriceps, E. S.

Caput cyaneo cupreum, punctatum. Thorax purpureofuscus, valde punctatus, lineâ dorsali impressâ, lateribus utrinque longitudinaliter impressis, impressionibus viridi-

bus, pulvere flavo repletis. Elytris obscure cupreo-fuscis, punctatis et striatis, utrinque impressionibus duabus indistinctis notatis. Subtus ænea, pedibus cyaneis.

Head fiery copper colour, deeply punctured and narrowly channelled in front, on each side above the mouth margined with green. Thorax deeply punctured, dull purple brown with coppery tints, anterior margin slightly produced, sides nearly straight, dorsal line impressed; near each lateral margin is a longitudinal green furrow, filled with yellow powdery pubescence. Elytra much wider than the thorax, closely and somewhat rugosely punctured and striated, of a dull coppery brown colour, with purplish tints, each elytron with a longitudinal impression along the suture posteriorly and two somewhat round, very slight, punctured, æneous impressions, one just above, the other just below, the middle, near the margin, these impressions filled with powdery pubescence; sides sinuate above the middle, apex of each attenuate terminating in a single tooth. Beneath bronzy, punctured, legs cyaneous.

Length, $4\frac{1}{2}$ lines; breadth, $1\frac{3}{4}$ lines.

Hab. Ega, Amazons. H. W. Bates.

Shape and figure of *Beltii*, E. S., which it should precede.

Halccia Beltii, E. S.

Læte aureo viridis. Elytra utrinque, humero, apice, maculisque quinque cæruleis ornata.

Shape of *octopunctata*, Fab. Bright golden green with cyaneous spots on the elytra.

Head excavated in front, rugosely punctured. Thorax shining, punctured, dorsal line narrowly impressed in front, met at the base by a large puncture; sides nearly straight, each with two transverse impressions, one just below the anterior margin, near the angle, the other a little way above the posterior angle, the impressions filled with yellow powdery pubescence; on each side of the dorsal line in front, is a slightly raised cyaneous spot. Elytra golden green, in some places covered with yellow powdery pubescence, considerably wider than the thorax, deeply punctate striate, and punctured between the striae, each with the shoulder, five spots, and the apex cyaneous. The spots are arranged thus—one at the base midway between the

shoulder and the suture, another, an elongate one, just above the middle, close to the suture, the other three in a line from the shoulder to the apex; there is another spot on the lateral margin below the middle. Hind margins of the elytra not denticulate, apex of each with a sharp tooth. Beneath and legs green, punctured.

Length, $6\frac{1}{2}$ lines; breadth, $2\frac{1}{2}$ lines.

Hab. Chontales, Nicaragua.

Should follow *eupriceps*, E. S.

Halecia igniventris, E. S.

Æneo viridis, elytris viridibus, cupreo micantibus. Thorace linea dorsali impressa cuprea, lateribus cupreis, postice foveolatis. Elytris utrinque maculis duabus impressis cupreis ornatis. Subtus igneo-cuprea punctata.

Head shining bronzy green, finely punctured, above the mouth fiery copper colour. Thorax bronzy green, with purple and coppery tints, depressed, punctured, the punctures on the disk looking as if they had been driven in sideways from the base; dorsal line impressed especially at the base, coppery; there is a deep fovea near each hind angle; these and the lateral margins are also coppery. Elytra widest behind the middle, dark metallic green with coppery tints, somewhat flat, punctured and punctate striate, each with two small round fiery copper coloured impressions, one placed just above the middle, the other midway between it and the apex; posterior margin very finely denticulate, the denticulations far apart, apices bluntly pointed. Beneath and legs brilliant fiery copper colour, punctured.

Length, 8 lines; breadth, 3 lines.

Hab. Brazils.

A very distinct and beautiful species.

Pasiphæa amazonica, E. S.

Capite thoraceque viridibus, hoc utrinque postice rotunde foveato. Elytris viridi-cyaneis, punctato striatis, utrinque impressionibus minutis duabus viridibus ornatis, marginibus postice denticulatis. Subtus aureo-viridis.

Head and thorax green, disk of the latter with a somewhat cyaneous tint. Elytra dark cyaneous green, each with two small transverse green impressions, one just

above, the other just below the middle. Beneath golden green.

Head punctured with a small oval impression in front. Thorax smooth and shining, finely punctured, anterior margin slightly raised, about half as long as the base, sides diverging rapidly till about the middle, then rounded to the base; base slightly bisinuate, with a round impression just above the scutellum, and another larger one on each side above the posterior angle. Elytra punctate striate, the punctures somewhat elongate in appearance, and far apart, some of the interstices slightly raised, each elytron with two transverse punctured green impressions, one just above, the other just below the middle, the upper one nearest the suture; posterior margins denticulate. Beneath punctured, sides of the abdomen slightly hairy.

Length, $7\frac{1}{2}$ lines; breadth, $2\frac{3}{4}$ lines.

Hab. Ega. H. W. Bates.

Pasiphae vitticollis, E. S.

Caput viride punctatum. Thorax, depressus punctatus, viridis, lineâ utrinque cyaneâ, lineâ dorsali postice valde impressa, lateribus utrinque postice foveolatis. Elytra cyaneo-nigra maculâ basali suturali, et utrinque maculis quatuor minutis, impressis, aureo-viridibus ornata. Subtus viridis.

Head largely punctured, green, narrowly and longitudinally impressed in front. Thorax flattened, green, with a cyaneous vitta on each side; sides diverging rather rapidly in front, then slightly rounded to the posterior angles; base slightly bisinuate; surface punctured, remotely on the disk, more closely on the sides; dorsal line narrowly impressed in front, deeply and widely behind; near each posterior angle is a deep round impression. Elytra cyaneous black, shining, with slight indications of raised lines, very finely punctured, the punctures arranged in lines, with an elongate common sutural spot, an impressed round spot on the disk above the middle, two others placed side by side just below the middle, and a fourth midway between these and the apex, but nearer the lateral margin, golden green and punctured; posterior margin denticulate. Beneath green, punctured, apex cyaneous.

Length, 8 lines; breadth, 3 lines.

Hab. St. Paulo, Amazons. H. W. Bates, Esq.